

DIGITAL RECORDING AND PLAYBACK SYSTEM  
WITH VOICE RECOGNITION CAPABILITY  
FOR CONCURRENT TEXT GENERATION

5 ABSTRACT OF THE INVENTION

A recording and playback system is provided. The system includes an audio capturing device configured to receive an analog input and an encoder coupled to the audio capturing device configured to generate a digital signal based on the analog input. The system further includes a recognition engine 10 coupled to the audio capturing device and configured to generate text data based on the analog input, wherein the encoder and the recognition engine simultaneously generate the digital signal and the text data such that the digital signal and the text data can be provided in a synchronized manner.